Title (en)

METHOD, TERMINAL DEVICE, AND NETWORK DEVICE FOR DETECTING DOWNLINK CONTROL INFORMATION

Title (de)

VERFAHREN, ENDGERÄT UND NETZWERKVORRICHTUNG ZUM ERKENNEN VON DOWNLINK-STEUERINFORMATIONEN

Title (fr)

PROCÉDÉ, DISPOSITIF TERMINAL ET DISPOSITIF DE RÉSEAU POUR DÉTECTION D'INFORMATIONS DE COMMANDE DE LIAISON DESCENDANTE

Publication

EP 3627888 A4 20200805 (EN)

Application

EP 18871581 A 20181023

Priority

- CN 201710996490 A 20171024
- CN 201711427739 A 20171225
- CN 2018111434 W 20181023

Abstract (en)

[origin: EP3627888A1] Embodiments of this application disclose a method for detecting downlink control information, a terminal device, and a network device, and relate to the communications field, to resolve a problem in the prior art that service experience is poor because blind detection of DCIs in a scenario of a plurality of activated BWPs is not considered. The method includes: receiving, by a terminal device from a network device, detection related information for detecting downlink control information DCIs of all bandwidth parts BWPs, where the detection related information is determined by the network device based on resource load of control resource sets of all the BWPs; and detecting, by the terminal device, each of the DCIs based on the detection related information. The embodiments of this application are used for detecting DCIs of a plurality of BWPs.

IPC 8 full level

H04L 5/00 (2006.01); **H04W 28/20** (2009.01); **H04W 72/54** (2023.01)

CPC (source: CN EP US)

H04L 5/0053 (2013.01 - EP); **H04L 5/0089** (2013.01 - EP); **H04W 28/20** (2013.01 - CN EP); **H04W 72/04** (2013.01 - EP); **H04W 72/044** (2013.01 - US); **H04W 72/23** (2023.01 - CN US); **H04W 72/54** (2023.01 - EP); **H04W 72/542** (2023.01 - CN); H04L 5/0007 (2013.01 - EP)

Citation (search report)

- [XI] GUANGDONG OPPO MOBILE TELECOM: "Remaining issues on bandwidth part configuration and activation", vol. RAN WG1, no. Nagoya, Japan; 20170918 - 20170921, 11 September 2017 (2017-09-11), XP051329144, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_AH/NR_AH_1709/Docs/> [retrieved on 20170911]
- [IA] HUAWEI ET AL: "CORESET configuration and search space design", vol. RAN WG1, no. Prague, Czech Republic; 20171009 - 20171013, 8 October 2017 (2017-10-08), XP051340253, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN1/Docs/> [retrieved on 20171008]
- See also references of WO 2019080836A1

Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3627888 A1 20200325; **EP 3627888 A4 20200805**; CN 109699054 A 20190430; CN 109699054 B 20201106; US 11323992 B2 20220503; US 2020196285 A1 20200618; WO 2019080836 A1 20190502

DOCDB simple family (application)

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